

Realex, Division of United Industries Corp.
P.O. Box 15842, St. Louis, MO 63114

Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

Hazardous Material Identification System-(HMIS)

HEALTH - 1

REACTIVITY - 0

FLAMMABILITY - 0

PERSONAL - Rubber gloves

I Trade Name: Real-Kill® Indoor Flea Fogger

Product Type: Total Release Indoor Aerosol Insecticide

EPA Registration Number

Manufacturer

Emergency Telephone No.

1021-1623-478

Chemnico
8494 Chapin Industrial Drive
St. Louis, MO 63114

For Chemical Emergency: 1-800-633-2873
For Information: 1-800-897-8524
Prepared by: C.A. Duckworth
Date Prepared: September 27, 1996

II Hazardous Ingredients/Identity Information

Chemical	%	OSHA PEL	ACGIH TLV
Mineral Spirits CAS #8012-95-1	6.0	100 ppm	100 ppm
2-[1-methyl-2-(4-phenoxyphenoxy)ethoxy]pyridine CAS #95737-68-1	0.1	NE	NE
Pyrethrins CAS #8003-34-7	0.05	NA	5mg/m ³
Permethrin CAS #52645-53-1	0.435	NA	NA
n-octyl Bicycloheptene Dicarboximide CAS #113-48-4	0.4	NA	NE
Isobutane CAS #75-28-5	19.0	NE	NE
Propane CAS #74-98-6	11.0	1000 ppm	NE

III Physical and Chemical Characteristics

Appearance and Odor: Solid fan mist. No visible residue. Fragrance and pyrethroid odor.
Boiling Point: NA
Melting Point: NA
Vapor Pressure: 145 psig @ 54°C/130°F
Specific Gravity: 0.97 (H₂O=1)
Vapor Density: greater than 1 (Air=1)
% Volatile (by vol.): 97 %
Solubility in Water: greater than 55 %
Evaporation Rate: less than 1 (Butyl Acetate=1)

IV Fire and Explosion Hazard Data

Flash Point: 147°F (TCC)
Flame Extension: 0" (Level 1 Aerosol)
Flammable Limits: N/A
Autoignition Temp.: N/A
Fire Extinguishing Media: Water Fog, Carbon Dioxide, Dry Chemical
Decomposition Temp.: N/A
Special Fire-Fighting Procedures: Keep containers cool. Use equipment or shielding required to protect personnel against bursting, rupturing or venting containers.
Unusual Fire and Explosion Hazards: At elevated temperatures (over 54°C/130°F), containers may vent, rupture or burst. Also see Section V.

V Reactivity Data

Stability: Stable
Polymerization: Will not occur
Conditions to Avoid: Temperatures over 130°F
Incompatible Materials: N/A
Hazardous Decomposition or Byproducts: Carbon dioxide, carbon monoxide

VI Health Hazard Data

Ingestion (Swallowing): Harmful if swallowed. **First Aid:** Call a physician or Poison Control Center immediately.
Skin Contact: Avoid contact with skin. **First Aid:** Remove contaminated clothing and wash before reuse. Wash skin with soap and warm water. Get medical attention if irritation persists.
Eye Contact: Avoid contact with eyes. **First Aid:** Flush with plenty of water. Get medical attention if irritation persists.
Inhalation Toxicity: Avoid breathing vapors or spray mist. **First Aid:** Remove victim to fresh air if effects occur, and call a physician.
Special Notes: None
Health Conditions Aggravated by Exposure: None Known
Ingredients listed by NTP, OSHA or IARC as Carcinogens or potential carcinogens: None

VII Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Avoid breathing vapors. Remove ignition sources. Avoid skin contact with liquid.
Waste Disposal: Do not puncture or incinerate containers. Give empty, leaking or full containers to a facility qualified to dispose of pressurized containers.
Handling & Storage Precautions: Do not store where temperatures can exceed 54°C/130°F.

VIII Control Measures

Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect health.

IX Transportation Data

DOT Shipping Name - Consumer Commodity
DOT Hazard Class - ORM-D

The information and statements herein are believed to be reliable but are not to be construed as warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.